ABSTRACT OF THE DISCLOSURE

A remote switch monitoring system and method monitors traffic between the publicly switched telephone network (PSTN) and a remote switching module (RSM). That is, the remote switch monitoring system monitors traffic through the umbilical link between a remote switching module and a host and segregates traffic between the PSTN and the RSM from other traffic on the umbilical link. This segregated PSTN/RSM umbilical link traffic information may be used, for example, by a service provider to determine the capacity of an umbilical link, the capacity of a trunk, or for host switch connection requirements when upgrading a remote switch module. In an illustrative embodiment, the remote switch monitoring system employs a computer to monitor called number, calling number, originating point code and destination point code information for calls between lines terminated at the remote switching module and lines terminated elsewhere. Out of band signaling, such as SS7 data, may be employed to obtain such information.

17